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**Bibliography**

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Summary

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(57) [Abstract]

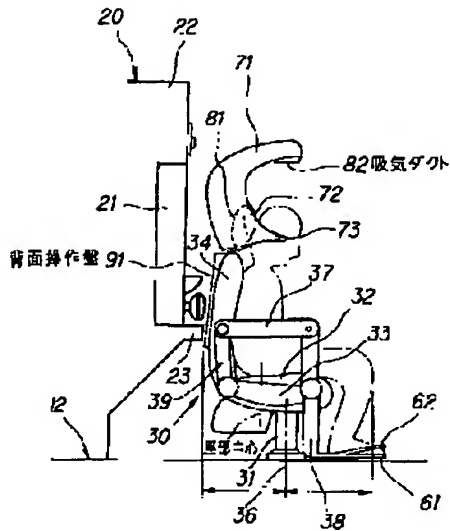
[Objects of the Invention] User-friendliness can be received.

[Elements of the Invention] Since it was made for especially a taking-a-seat person's knee not to protrude when a medial axis was allotted to the position where the distance between a taking-a-seat person's knee and the back reclining 34 on a chair 30 becomes half mostly and it sat down in it on the 32nd page of the seat of a seat 32 It can sit down toward a game machine 21 without a taking-a-seat person's knee making neighboring game persons trouble in neighboring game persons and chairs 30, if a taking-a-seat person sits down to the seat 32 in a position in readiness and rotates a seat 32 to an operating position side to the circumference of a medial axis.

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図 1



- |            |             |
|------------|-------------|
| 20: 遊技島    | 37: 肘掛部     |
| 21: ゲーム機   | 61: フットレスト  |
| 30: 椅子     | 62: フットスイッチ |
| 31: 回転フレーム | 71: フット部    |
| 32: 座部     | 72: スピーカー   |
| 34: 背枕部    | 73: マイク     |
| 36: 回転軸    | 81: ヘッドレスト  |

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CLAIMS

[Claim(s)]

[Claim 1] In the chair for game machines in the amusement center in which the game island which forms game machines successively and changes was installed on the seat side of the seat of the aforementioned chair The chair for game machines which allots a medial axis to the position where the distance between a taking-a-seat person's knee and back reclining on a chair becomes half mostly, and is characterized by supporting the aforementioned seat possible [ rotation in the

position in readiness which a taking-a-seat person uses a game machine as the back, and sits down, and the operating position which sits down toward a game machine ] a center [ this medial axis ].

[Claim 2] the aforementioned position in readiness — back reclining — abbreviation — the chair for game machines according to claim 1 which makes it a perpendicular posture and is characterized by supporting impossible [ tilting ] into the link lining posture which inclined back

[Claim 3] The aforementioned chair is a chair for game machines according to claim 1 or 2 characterized by having had the armrest section and preparing the control lever for a reclining in this armrest section.

[Claim 4] the aforementioned armrest section — back reclining — the abbreviation from a reclining posture — the chair for game machines according to claim 1, 2, or 3 which tilts to a perpendicular posture and is characterized by forming the switch for a game end which can send the signal for making rotation possible in the aforementioned position in readiness from the aforementioned operating position

[Claim 5] The chair for game machines according to claim 1, 2, 3, or 4 characterized by forming a bill discernment machine and a coin sorting machine in the aforementioned chair.

[Claim 6] The chair for game machines according to claim 1, 2, 3, 4, or 5 characterized by preparing the discharge handle for the game media of a pachinko ball and others in the aforementioned armrest section.

[Claim 7] The chair for game machines according to claim 1, 2, 3, 4, 5, or 6 characterized by forming a switch with the calling lamp for calling an official in charge to the aforementioned armrest section when trouble occurs in game advance.

[Claim 8] The chair for game machines according to claim 1, 2, 3, 4, 5, 6, or 7 characterized by preparing the rotary switch for rotating a chair in the aforementioned position in readiness and the aforementioned operating position in the aforementioned armrest section.

[Claim 9] While arranging an ash pan in the front position of the aforementioned armrest section, a cigarette end stowage is established in the rear lower part of a seat. Connect the bottom and the aforementioned cigarette end stowage of the aforementioned ash pan by the pipe member for cigarette end insertion, and the exterior is opened for free passage in this cigarette end stowage in the back wall of the aforementioned cigarette end stowage. The claims 1, 2, 3, 4, 5, 6, and 7 characterized by establishing from back the entry in which a push in is possible for the suction pipe of a cleaner, or the chair for game machines given in eight.

[Claim 10] The chair for game machines according to claim 1, 2, 3, 4, 5, 6, 7, 8, or 9 characterized by the shutter member which can open and close the bottom of the aforementioned ash pan having constituted, and having energized the 1st shutter member in the \*\*\*\* direction, for the 1st shutter member having opened when the energization force was resisted and a cigarette end was pushed against the 1st shutter member, and enabling fall of a cigarette end.

[Claim 11] The chair for game machines according to claim 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10 characterized by the 2nd shutter member making an aperture possible when the 2nd shutter member which can open and close an entry is prepared in the aforementioned cigarette end stowage, the 2nd shutter member is energized in the \*\*\*\* direction and the suction pipe of a cleaner is resisted and inserted in the energization force.

[Claim 12] The chair for game machines according to claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, or 11 characterized by preparing the connector for the electric supply for connecting with the connector by the side of this cleaner, and supplying electric power to it at the aforementioned cleaner side when the suction pipe of the aforementioned cleaner is fitted over the periphery of the entry of the aforementioned cigarette end stowage.

[Claim 13] The chair for game machines according to claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, or 12 characterized by having prepared the gangway ladder in the aforementioned chair and forming the foot switch for making this gangway ladder discharge the game medium of a pachinko ball and others.

[Claim 14] The claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 characterized by forming the microphone for conversing with the loudspeaker for equipping the upper-limit section of back reclining with the hood object in which a cover is possible for a game person's head from the upper part, and asking music, a sport, and the message from an amusement center to it at this hood object, the official in charge of an amusement center, etc., or the chair for game machines given in 13.

[Claim 15] The claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13 characterized by forming the television camera for photoing a game person on the aforementioned hood object, and the monitor for carrying out the image of the official in charge of an amusement center etc., or the chair for game machines given in 14.

[Claim 16] The claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, and 14 characterized by equipping the aforementioned hood inside of the body with a headrest, or the chair for game machines given in 15.

[Claim 17] The claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, and 15 characterized by equipping the aforementioned hood object with the air intake duct for sucking up a user's cigarette smoke and making it possible, or the chair for game machines given in 16.

[Claim 18] The claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16 characterized by having rounded this paper filter to the filter state position usable as a filter of this covering state position to an air intake duct in which a delivery in a covering state position usable as a pillow case is possible, and supporting possible, using a paper filter as a pillow case of the aforementioned headrest, or the chair for game machines given in 17.

[Claim 19] The official in charge of an amusement center equips the tooth back of the aforementioned back reclining with an operational tooth-back control panel from behind a game person. This tooth-back control panel An ash pan full display, the

switch for calling lamp putting out lights, a loudspeaker volume control control unit, The claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, and 17 characterized by having the lock release control unit of a reclining control switch, a game machine, and a ball rental machine, or the chair for game machines given in 18.

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**DETAILED DESCRIPTION**

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[Detailed Description of the Invention]

[0001]

[Industrial Application] this invention relates to the chair for game machines in the amusement center in which the game island which forms game machines successively and changes was installed.

[0002]

[Description of the Prior Art] The thing to which are installed as a chair for the conventional game machines corresponding to a game machine, and the seat is supported by the rotation frame possible [ rotation ], and changes, and it was made for the center of rotation to mainly be located in the core on a seat flat surface from the field of stability is common. Moreover, as for the interval of the game machine which adjoins in order to increase the number which can work, it is desirable to narrow as much as possible and to install, the chair of both next doors and its distance with a game person are short, and distributing mind so that both a subsequent next chair or a subsequent next game person may not be asked, a taking-a-seat person rotates the seat and is made use a game machine as the back, sit down, and to face to a game machine.

[0003] Furthermore, noise is severe and the smoke of \*\*\*\*\* is full in many cases, and about the smoke of a cigarette, a pachinko island and a ceiling are equipped with an air filter, for example, and it is made to filter smoke in an amusement center.

[0004]

[Problem(s) to be Solved by the Invention] however, on such a chair for the

conventional game machines The distance from the center of rotation is in the inclination for the knee of the taking-a-seat person who protrudes from the seat to the front to be longer than back reclining on a chair. In case the seat is rotated, a taking-a-seat person's knee becomes that neighboring game persons tend to be asked. Without it is not easy to sit down without making neighboring game persons trouble, or to stand and user-friendliness's being able to remove the smoke of a cigarette completely by the air filter well Some game persons disliked the smoke of noise or a cigarette, and there was a trouble that a game could not be played comfortably. this invention aims at offering the chair for game machines which can receive user-friendliness and can play a game comfortably without making it a taking-a-seat person's knee not be equivalent to neighboring game persons and making neighboring game persons trouble, in case it was made paying attention to such a conventional trouble and the seat is rotated.

[0005]

[Means for Solving the Problem] The place made into the summary of this invention for attaining this purpose 1 In the chair for game machines in the amusement center (10) in which the game island (20) which forms game machines (21) successively and changes was installed on the seat side of the seat (32) of the aforementioned chair (30) Allot a medial axis to the position where the distance between a taking-a-seat person's knee and back reclining (34) of a chair becomes half mostly, and it centers on this medial axis. The chair for game machines characterized by supporting the aforementioned seat (32) possible [ rotation ] in the position in readiness where a taking-a-seat person uses a game machine (11) as the back, and sits down, and the operating position which sits down toward a game machine (21). 2 the aforementioned position in readiness -- back reclining -- (34) -- abbreviation -- the chair for the game machines given in 1 term which makes it a perpendicular posture and is characterized by \*\*\*\*\* supported into the link lining posture which inclined back at tilting impotentia 3 The aforementioned chair is a chair for game machines 1 characterized by having had the armrest section (36) and preparing the control lever for a reclining (41) in this armrest section, or given in dyadic.

[0006] 4 the aforementioned armrest section (36) -- back reclining -- (34) -- the abbreviation from a reclining posture -- the chair for game machines 1 which tilts to a perpendicular posture and is characterized by forming the switch for a game end (43) which can send the signal for making rotation possible in the aforementioned position in readiness from the aforementioned operating position, 2, or given in 3 terms 5 The chair for game machines 1, 2 and 3 which are characterized by forming a bill discernment machine and a coin sorting machine in the aforementioned chair, or given in 4 terms. 6 The chair for game machines 1, 2, 3 and 4 which are characterized by preparing the discharge handle for the game media of a pachinko ball and others (44) in the aforementioned armrest section (36), or given in 5 terms. 7 The chair for game machines 1, 2, 3, 4 and 5 which are characterized by forming a switch (45) with the calling lamp for calling an official in charge to the



aforementioned armrest section (36) when trouble occurs in game advance, or given in 6 terms. 8 The chair for game machines 1, 2, 3, 4, 5 and 6 which are characterized by preparing the rotary switch (42) for rotating a chair in the aforementioned position in readiness and the aforementioned operating position in the aforementioned armrest section (36), or given in 7 terms. 9 While Arranging Ash Pan (51) in Front Position of the Aforementioned Armrest Section (36) Establish a cigarette end stowage (52) in the posterior part lower part of the seat, and the pars basilaris ossis occipitalis and the aforementioned cigarette end stowage (52) of the aforementioned ash pan (51) are connected by the pipe member for cigarette end insertion (53). The chair for game machines 1, 2, 3, 4, 5, 6 and 7 which are characterized by having opened the exterior for free passage in this cigarette end stowage (52) to the posterior wall of stomach of the aforementioned cigarette end stowage (52), and establishing the entry (54) in which a push in is possible from back for the suction pipe (58) of a cleaner (57) to it, or given in 8 terms.

[0007] 10 Shutter Member Which Can Open and Close Pars Basilaris Ossis Occipitalis of the Aforementioned Ash Pan (51) Constitutes. The 1st shutter member (55) is energized in the \*\*\*\* direction. The chair for game machines 1, 2, 3, 4, 5, 6, 7 and 8 which are characterized by for the 1st shutter member (55) having opened and enabling fall of a cigarette end when the energization force is resisted and a cigarette end is pushed against the 1st shutter member (55), or given in 9 terms. 11 Prepare 2nd Shutter Member (56) Which Can Open and Close Entry (54) in the Aforementioned Cigarette End Stowage (52). The chair for game machines 1, 2, 3, 4, 5, 6, 7, 8 and 9 which are characterized by the 2nd shutter member (56) making an aperture possible when the 2nd shutter member (56) is energized in the \*\*\*\* direction and the suction pipe (58) of a cleaner (57) is resisted and inserted in the energization force, or given in 10 terms. 12 To Periphery of Entry (54) of the Aforementioned Cigarette End Stowage (52) When the suction pipe (58) of the aforementioned cleaner (57) is inserted, it connects with the connector (58a) by the side of this cleaner (57). The chair for game machines 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10 which are characterized by preparing the connector for the electric supply for supplying electric power to the aforementioned cleaner (57) side, or given in 11 terms. 13 The chair for game machines 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11 which are characterized by having prepared the gangway ladder (61) in the aforementioned chair, and forming the foot switch (62) for discharging the game medium of a pachinko ball and others to this gangway ladder (61), or given in 12 terms. 14 Equip Upper-Limit Section of Back Reclining (34) with Hood Object (71) in which Cover is Possible for Game Person's Head from Upper Part. On this hood object (71), music, The chair for game machines 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 which are characterized by forming the microphone (73) for conversing with the loudspeaker (72) for hearing a sport and the message from an amusement center, the official in charge of an amusement center, etc., or given in 13 terms.

[0008] 15 The chair for game machines 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 13

which are characterized by forming the television camera (75) for photoing a game person on the aforementioned hood object (71), and the monitor (76) for carrying out the image of the official in charge of an amusement center etc., or given in 14 terms. 16 The chair for game machines 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14 which are characterized by equipping with a headrest (81) in the aforementioned hood object (71), or given in 15 terms. 17 The chair for game machines 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 15 which are characterized by equipping the aforementioned hood object (71) with the air intake duct (82) for sucking up the smoke of a user's cigarette and making it possible, or given in 16 terms. 18 Use Paper Filter (83) as a Pillow Case of the Aforementioned Headrest (81). a delivery in a covering state position usable as a pillow case is possible in this paper filter (83) — and The chair for game machines 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16 which are characterized by having marched in to the filter state position usable as a filter of an air intake duct (82), and supporting possible from this covering state position, or given in 17 terms. 19 Official in Charge of Amusement Center Equips Tooth Back of Aforementioned Back Reclining (34) with Operational Tooth-Back Control Panel (91) from behind Game Person. This tooth-back control panel (91) An ash pan full display, the switch for calling lamp putting out lights, A loudspeaker volume control control unit, a reclining control switch, It consists in the chair for game machines 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 and 17 which are characterized by having the lock release control unit of a game machine and a ball rental machine, or given in 18 terms.

[0009]

[Function] When a chair (30) is in a position in readiness, a taking-a-seat person uses a game machine (21) as the back, sits down to the seat (32), and rotates the seat (32) to the circumference of a medial axis. Since the medial axis was allotted to the position where a taking-a-seat person's knee and the distance between a chair (back reclining (34 of 30)) and (34) become half mostly on the seat (32) side of the seat (32) If especially a taking-a-seat person's knee does not protrude and the seat (32) is rotated to an operating position side focusing on the aforementioned medial axis when it sits down It can sit down toward a game machine (21) without a taking-a-seat person's knee making neighboring game persons trouble in neighboring game persons and chairs (30). the aforementioned position in readiness — back reclining — (34) — abbreviation — what was supported into the link lining posture which made it the perpendicular posture and inclined back at tilting impotentia — unprepared — back reclining — having made (34) into the reclining posture as — a chair (30) — the operating position from a position in readiness — rotating — back reclining — it is prevented that (34) is equivalent to neighboring game persons

[0010] The control lever for a reclining (41) can be operated easily, without lengthening a hand by force, since the aforementioned chair was equipped with the armrest section (36) and the control lever for a reclining (41) was prepared in this armrest section (36).

[0011] the aforementioned armrest section (36) -- back reclining -- (34) -- the abbreviation from a reclining posture -- it tilts to a perpendicular posture, and since the switch for a game end (43) which can send the signal for making rotation possible was formed in the aforementioned position in readiness from the aforementioned operating position, a game person gets \*\* which carries out switch operation with an easy posture, without raising the upper part of the body. Since the bill discernment machine and the coin sorting machine were formed in the aforementioned chair, on it, all can be operated by the chair side, a game person does not need to operate it with an impossible posture on it, and a game can be comfortably gone on on it. Since the discharge handle for the game media of a pachinko ball and others (44) was prepared in the aforementioned armrest section (36), a discharge handle (44) comes to approach at hand more, and it can be operated with an easy posture. Since the switch with the calling lamp for calling an official in charge when trouble occurs in game advance (45) was formed in the aforementioned armrest section (36), switch operation can be carried out with a reclining posture, for example, without raising the upper part of the body. It can be operated sat down on a chair, since the rotary switch (42) for rotating a chair in the aforementioned position in readiness and the aforementioned operating position was prepared in the aforementioned armrest section (36), a game person does not need to operate it with an impossible posture, and a game can be gone on comfortably.

[0012] While preparing an ash pan (51) in the aforementioned armrest section (36), a cigarette end stowage (52) is established in the posterior part lower part of the seat. Connect the pars basilaris ossis occipitalis and the aforementioned cigarette end stowage (52) of the aforementioned ash pan (51) by the pipe member for cigarette end insertion (53), and the exterior is opened for free passage in this cigarette end stowage (52) to the posterior wall of stomach of the aforementioned cigarette end stowage (52). Since the entry (54) in which a push in is possible was established for the suction pipe (58) of a cleaner (57) from back, a game person can run a game comfortably, without [ without it cares about cleaning of an official in charge, and ] being interfered by the cleaning. The 1st shutter member (55) which can open and close the pars basilaris ossis occipitalis of the aforementioned ash pan (51) constitutes. Since the 1st shutter member (55) was energized in the \*\*\*\* direction, the 1st shutter member (55) opened when the energization force was resisted and a cigarette end was pushed against the 1st shutter member (55), and fall of a cigarette end was enabled. Without [ without a cigarette end is full of an ash pan (51), and ] getting it blocked, it can push in one after another and is user-friendly. The 2nd shutter member (56) which can open and close an entry (54) is prepared in the aforementioned cigarette end stowage (52). Since the 2nd shutter member (56) made the aperture possible when the 2nd shutter member (56) was energized in the \*\*\*\* direction and the suction pipe (58) of a cleaner (57) was resisted and inserted in the energization force. Since the inside of a cigarette end stowage (52) cannot be seen from the outside while the interior of a cigarette end stowage (52) is

intercepted from the outside and is sanitary, appearance is good usual.

[0013] Since the connector for the electric supply for connecting with the connector (58a) by the side of this cleaner (57), and supplying electric power to it at the aforementioned cleaner (57) side, when the suction pipe (58) of the aforementioned cleaner (57) is fitted over the periphery of the entry (54) of the aforementioned cigarette end stowage (52) was prepared, an official in charge does not need to connect a code to a plug socket purposely, and cleaning can be done simply, for example. While a leg will stop being able to get tired easily if a leg is put on a gangway ladder (61) since the gangway ladder (61) was prepared in the aforementioned chair (30) and the foot switch (62) for making this gangway ladder (61) discharge the game medium of a pachinko ball and others was formed, discharge speed, such as a pachinko ball, can be adjusted with the amount of treading in of a foot switch (62). The upper-limit section of back reclining (34) is equipped with the hood object (71) in which a cover is possible for a game person's head from the upper part. Since the microphone (73) for conversing with the loudspeaker (72) for asking music, a sport, and the message from an amusement center to this hood object (71), the official in charge of an amusement center, etc. was formed Other game persons can run [ acquire / the information on desired / without moving from its seat / a game person ] a game by the ability of an official in charge conversing with a game person separately, without being interfered, and the inside of an amusement center becomes still quieter.

[0014] Since the monitor (76) for carrying out the image of the television camera (75) for photoing a game person, the official in charge of an amusement center, etc. to the aforementioned hood object (71) was formed, an official in charge can have a dialog, looking at a game person's face. Since it equipped with the headrest (81) in the aforementioned hood object (71), a game person can perform a game with a still easier posture. Making trouble for other game persons is lost without the smoke of a cigarette dispersing in an amusement center, since the aforementioned hood object (71) was equipped with the air intake duct (82) for sucking up the smoke of a user's cigarette and making it possible. A paper filter (83) is used as a pillow case of the aforementioned headrest (81). Since this paper filter (83) was rounded to the filter state position usable as a filter of this covering state position to an air intake duct (82) in which a delivery in a covering state position usable as a pillow case is possible and it supported possible A used thing is reusable as a filter as a pillow case, and it is the easy operation which lets out, rounds and carries out a paper filter (83), and can reuse. The official in charge of an amusement center equips the tooth back of aforementioned back reclining (34) with an operational tooth-back control panel (91) from behind a game person. Since this tooth-back control panel (91) has the lock release control unit of an ash pan full display, the switch for calling lamp putting out lights, a loudspeaker volume control control unit, a reclining control switch, a game machine, and a ball rental machine While it is lost that an official in charge operates it from a game person's side and not becoming obstructive [ a game

person ], it can work without an official in charge also considering a game person.

[0015]

[Example] Hereafter, one example of this invention is explained based on a drawing. Each drawing shows one example of this invention. As shown in drawing 1 and drawing 2, the game island 20 is installed in an amusement center 10, and many game machines 21 are forming successively to the attachment space during the upper and lower sides with the end rail 22 of the game island 20, and a top plate 23. Moreover, corresponding to each game machine 21, the chair 30 for game machines is formed in the amusement center 10 at the same interval as a game machine 21, respectively. Each chair 30 changes from the back reclining 34 supported through a reclining mechanism to the rotation frame 31 set up by the floor 12 of an amusement center 10, the seat 32 fixed to the rotation frame 31, and the posterior part of the seat frame 33 of the seat 32. The center-of-rotation shaft 36 of the rotation frame 31 is arranged on the position where the distance between a taking-a-seat person's knee and the back reclining 34 on a chair becomes half mostly on the seat side of the seat 32 of a chair 30. Only the part which illustrated the center-of-rotation shaft 36 of the rotation frame 31 from the center of the cross direction of the seat 32 becomes a front position. The seat 32 is supported possible [ rotation ] by the position in readiness where a taking-a-seat person uses a game machine 21 as the back, and sits down focusing on the medial axis 36 of the rotation frame 31, and the operating position which sits down toward a game machine 21. The gangway ladder support arm 38 is pivoted in the front end section of the seat frame 33, and the arm 39 of a RIKURAINNGU mechanism is pivoted in the back end section of the seat frame 33. The suspension of the armrest section 37 is carried out in each upper-limit section of both the arms 38 and 39, and the parallel linkage is constituted by the seat frame 33, both the arms 38 and 39, and the armrest section 37.

[0016] moreover, the aforementioned position in readiness — setting — the back reclining 34 — abbreviation — it is made a perpendicular posture and the reclining mechanism is restrained by the link lining posture which inclined back that tilting should be made impossible

[0017] As shown in drawing 4, the control lever 41 for a reclining is formed in the lateral part of the armrest section 37. it supports possible [ \*\*\*\* ] in the stowed position where the control panel fell on the point of the armrest section 37 back, and the operating position which stood up to the front — having — the flank of a control panel — the back reclining 34 — the abbreviation from a reclining posture — it tilts to a perpendicular posture and the settlement-of-accounts switch 43 which is a switch for a game end which can send the signal for making rotation possible is formed in the aforementioned position in readiness from the aforementioned operating position Moreover, the bill discernment machine and coin sorting machine which carried out the illustration abbreviation are formed in the chair 30. The discharge handle 44 for pachinko balls is formed in the rear face it turned [ rear

face ] to the game person side in the operating position, and when trouble occurs in game advance, the switch 45 with the calling lamp for calling an official in charge is formed in the part which becomes a control panel in an operating position on the upper surface at the control panel of the armrest section 37. Similarly, it incorporates on both sides of the switch 45 with a calling lamp, and kills to the part which becomes the upper surface in an operating position with a switch, and the display lamp is prepared in it. Moreover, the rotary switch 42 for rotating a chair 30 in a position in readiness and an operating position is formed in the armrest section 37. an ash pan 51 is arranged in the front position of the armrest section 37, and the cigarette end stowage 52 prepares in the rear lower part of a seat 32 — having — the pipe for cigarette end insertion in the bottom and the cigarette end stowage 52 of an ash pan 51 — it is connected by the member 53 the pipe for cigarette end insertion — a member 53 is fabricated by noncombustible pipe material and consists of a suction pipe in an armrest, and a suction pipe in a seat In the back wall of the cigarette end stowage 52, the exterior is opened for free passage in the cigarette end stowage 52, and the entry 54 in which a push in is possible is established from back in the suction pipe 58 of a cleaner 57. The entry 54 is opened to the slanting upper part toward back. It is constituted by the member 55 the 1st shutter and the member 55 is energized the 1st shutter in the \*\*\*\* direction, i.e., direction which forms a bottom, which the bottom of an ash pan 51 can open and close. When a cigarette end was pushed against a member 55 the 1st shutter, a member 55 opens the 1st shutter and it became the energization force of the grade which can fall a cigarette end. In the ash pan 51, ash pan full detection sensor 57a is prepared. As a detection means, optical detection and the pressure detection which takes the 1st shutter for a member 55 are adopted.

[0018] an entry 54 can be opened and closed to the cigarette end stowage 52 in the periphery by the side of the back of an entry 54 — a member 56 is formed the 2nd shutter and the member 56 is energized in the \*\*\*\* direction the 2nd shutter When the energization force inserted the suction pipe 58 of a cleaner 57, it became the grade in which the aperture of a member 56 is possible the 2nd shutter. When the suction pipe 58 of a cleaner 57 is inserted, connector 52a for electric supply which carried out the illustration abbreviation for connecting with connector 58a by the side of a cleaner 57, and supplying electric power to a cleaner 57 side is prepared in the periphery of the entry 54 of the cigarette end stowage 52. A handle 59 is fixed to the end face section of the suction pipe 58, and flexible-pipe section 58b for absorbing some errors of for example, the direction of a push in is formed in the point of the suction pipe 58 in one. A gangway ladder 61 fixes to the point of the gangway ladder support arm 38, and the foot switch 62 which can adjust the force which strikes a pachinko ball according to the amount of treading in is formed in the gangway ladder 61. As shown in drawing 3 , a gangway ladder 61 may not be formed and a foot switch may be attached in the lower part of a pachinko island. The hood object 71 in which a cover is possible is equipped with a game person's head from

the upper part by the upper-limit section of the back reclining 34, and the microphone 73 for conversing with the loudspeaker 72 for a game person choosing and hearing music, a sport, and the message from an amusement center, the official in charge of an amusement center, etc. is formed in the flank of the hood object 71 at it. The loudspeaker 72 changes possible [ volume control ] in the range which is constituted so that the message from an amusement center can be heard preferentially wherever it may choose, and does not become troublesome to other game persons. Furthermore, if a loudspeaker 72 and a microphone 73 are used and the switch 45 with a calling lamp is pushed, it is constituted possible [ a dialog ] with the official in charge of an amusement center etc. The television camera 75 for photoing a game person and the monitor 76 for carrying out the image of the official in charge of an amusement center etc. are formed in the upper part of the hood object 71. A monitor 76 is image display equipment of a liquid crystal display and others, and is supported by the operating position which was reduced in the non-used position and lower part which had bounded upwards and came out outside a game person's field of view, and entered in a game person's field of view at the rockable. A television camera 75 and a monitor 76 may attach in a pachinko island.

[0019] The posterior part within the hood object 71 is equipped with a headrest 81, and the upper part of the hood object 71 is equipped with the air intake duct 82 for sucking up the smoke of a user's cigarette and making it possible. The feed roller 85 by which the paper filter 83 was wound around the lower part position focusing on the headrest 81 is allotted, it rolls round in an upper part position and the roller 86 is arranged on the posterior part within the hood object 71. The paper filter 83 is rolled round to the filter state position usable as a filter of a covering state position to the air intake duct 82 in which a feed roller 85 to the delivery to a covering state position usable as a pillow case of a headrest 81 is possible, is rounded with a roller 86, and is \*\*\*\*(ed) possible. The tooth back of the back reclining 34 is equipped with the tooth-back control panel 91 with the official in charge of an amusement center operational from behind a game person, and the lock release control unit of the switch for putting out lights of various kinds of display lamps of ash pan cleaning lamp 92 which is an ash pan full display lamp, and others, and a calling lamp, the volume control control lever of a loudspeaker, a reclining control switch, various kinds of test switches, a game machine, and a ball rental machine is arranged at it at the tooth-back control panel 91. Although a lock release control unit is a key switch, you may operate it with the magnetic card other than a key. In the tooth-back control panel 91, the controller 94 for controlling various displays is formed, and the ash pan cleaning lamp 92 may be arranged on the display of a pachinko island.

[0020] Next, an operation is explained. When a chair 30 is in a position in readiness, a taking-a-seat person uses a game machine 21 as the back, sits down to the seat 32, and rotates the seat 32 to an operating position side to the circumference of the medial axis 36 of the rotation frame 31 that a game should be started. Since the medial axis 36 of the rotation frame 31 was allotted to the position where the

distance between a taking-a-seat person's knee and the back reclining 34 on a chair 30 becomes half mostly on the 32nd page of the seat of the seat 32 Without a taking-a-seat person's knee making neighboring game persons trouble in neighboring game persons and chairs 30, if especially a taking-a-seat person's knee does not protrude and the seat 32 is rotated to an operating position side focusing on the aforementioned medial axis 36, when it sits down It can sit down toward a game machine 21. if a chair 30 is rotated to an operating position by the rotary switch 42, although a chair 30 will be stopped automatically and it will become tiltable into a reclining posture by the control lever 41 for a reclining — under rotation — abbreviation — it is restrained by the perpendicular posture and there is no \*\*\*\*\* to which trouble is not made in other game persons

[0021] moreover — if the settlement-of-accounts switch 43 is operated — the back reclining 34 — the abbreviation from a reclining posture — it rotates to a position in readiness by the rotary switch 42, without coming to tilt to a perpendicular posture and similarly making other game persons trouble Moreover, the game person itself can have a card, can rise from a chair 30 as it is, and can go to a premium place. If a bill discernment machine and a coin sorting machine are formed in a chair 30, on it, all can be operated by the chair side, a game person does not need to operate it with an impossible posture on it, and a game can be comfortably gone on on it. In that by which the bill discernment machine and the coin sorting machine are attached in the ball rental machine beside a game machine 21, it becomes the posture in which a game person causes a state in this case. If the expenditure switch of a control panel is pushed, the ball of 1000 cyclotomies will pay out, and regeneration of the display of 1000 cyclotomies will be subtracted and carried out from a balance drop. If a game person operates the control lever 41 for a reclining when a chair 30 is in an operating position, a control panel can stand up automatically, the discharge handle 44 can approach now at hand more, it can be operated with an easy posture as it is, and a game can be gone on.

[0022] When a balance display is a cello, expenditure is not performed, but it is \*\*\*\* about a cash injection again. Moreover, if an expenditure switch is pushed when the ball in a pan has been lost, it is not from the display of a balance drop, it pays out, indicating by subtraction from the number of \*\*\*\* of a \*\*\*\* drop, and although the display of the number of \*\*\*\* is shown in a \*\*\*\* drop, it can continue until the display of a \*\*\*\* drop will be zero. If the display of a \*\*\*\* drop will be zero, an expenditure switch is pushed and an expenditure switch is pushed again, shortly, the ball of 1000 cyclotomies will pay out of the number currently displayed on the balance drop, and a subtraction indication of the 1000 cyclotomies will be given from a display. If the close occurs in the middle of a game, the close display lamp prepared in the control panel will light up or blink. When trouble occurs in game advance, a game person can do switch operation with a reclining posture that what is necessary is just to operate the switch 45 with a calling lamp formed in the control panel, without raising the upper part of the body. if the settlement-of-



accounts switch 43 is pushed when the \*\*\*\* display and the \*\*\*\* display are the display of those other than zero and a ball is in a pan, in case a game is ended — the ball in \*\*\*\* — having — a ball — counting — a machine passes automatically and the \*\*\*\* display is indicated by addition This operation is excluded when there is no ball in \*\*\*\*. If it has and finishes indicating the ball display by addition, it will have with a balance display, the data by which it was indicated by the ball will be sent to L card processing machine, and write-in \*\*\*\* of the data will be carried out at a recycling card.

[0023] if the settlement-of-accounts switch 43 is pushed when a balance display has by zero, the ball display is the display of those other than zero and a ball is in a pan — the ball in \*\*\*\* — having — a ball — counting — a machine passes automatically, it has in it and the ball display is indicated by addition . This operation is excluded when there is no ball in \*\*\*\*. If it has and finishes indicating the ball display by addition, it will have, the data by which it was indicated by the ball will be sent to a card processing machine, and write-in \*\*\*\* of the data will be carried out at a recycling card. The balance is filled in as zero. if the settlement-of-accounts switch 43 is pushed when the balance display became the display of those other than zero and a ball has a \*\*\*\* display in \*\*\*\* by zero — the ball in \*\*\*\* — \*\*\*\* — counting — a machine passes automatically and the \*\*\*\* display is indicated by addition If it finishes adding a \*\*\*\* display, the data by which it was indicated by \*\*\*\* with the balance display are sent to a card processing machine, and data will be written in a recycling card and it will pay out. Since a \*\*\*\* display is still zero when there is no ball in \*\*\*\*, the balance is entered in a recycling card and \*\*\*\* is filled in as zero. The balance display and \*\*\*\* display is also a zero display, in an inside case, expenditure of ADO is not performed by \*\*\*\*, either but a ball is ended as it is at it.

[0024] under this work — the back reclining 34 — automatic — abbreviation — it returns to a perpendicular posture If a rotary switch 42 is pushed, a chair 30 will rotate slowly and will stop in the position in readiness which turned the back to the game machine 21. In order to collect the cigarette ends in an ash pan 51, an official in charge inserts the suction pipe 58 of a cleaner 57 in the entry 54 of the cigarette end stowage 52. By that cause, a member 56 resists non-influence the 2nd shutter, it comes to open, and the suction pipe 58 and the cigarette end stowage 52 of a cleaner 57 are open for free passage. Since the entry 54 in which a push in is possible was established for the suction pipe 58 of a cleaner 57 from back at this time, a game person can run a game comfortably, without [ without it cares about cleaning of an official in charge, and ] being interfered by the cleaning. If an official in charge inserts the suction pipe 58 of a cleaner 57 in the entry 54 of the cigarette end stowage 52, connector 58a by the side of a cleaner 57 and connector 52a by the side of the cigarette end stowage 52 are connected, for example, an official in charge does not need to connect a code to a plug socket purposely. if a cleaner 57 is turned on — the pipe for the inside of the suction pipe 58 of a cleaner 57, and

cigarette end insertion -- the inside of a member 53 is decompressed, and the 1st shutter, a member 55 resists the energization force, it is opened, and the cigarette end and ashes in an ash pan 51 are sucked up completely in the inside of a cleaner 57. Most of this suction operation is performed in an instant, and a game person does not understand [ when it was carried out and ]. Moreover, neither a cigarette end nor ashes is in disorder.

[0025] On the other hand, for an official in charge, cleaning can be done simply that what is necessary is to carry out only extraction-and-insertion operation of the suction pipe 58 of a cleaner 57, and power supply close end operation.

[0026] if a game person pushes in a cigarette end even if an ash pan 51 fills -- the energization force -- resisting -- the 1st shutter -- a member 55 -- opening -- the pipe for cigarette end insertion -- without [ without it falls through a member 53 and a cigarette end is full of an ash pan 51, and ] getting it blocked, it can push in one after another and is user-friendly. Moreover, since the inside of the cigarette end stowage 52 cannot be seen from the outside while having closed, intercepting the interior of the cigarette end stowage 52 from the outside and the member's 56 being sanitary the 2nd shutter, appearance is good usual. While a leg will stop being able to get tired easily if a leg is put on a gangway ladder 61 since the gangway ladder 61 was formed in the chair 30 and the foot switch 62 for the game media of a pachinko ball and others was formed in this gangway ladder 61, discharge speed, such as a pachinko ball, can be adjusted with the amount of treading in of a foot switch 62.

[0027] The upper-limit section of the back reclining 34 is equipped with the hood object 71 in which a cover is possible for a game person's head from the upper part. Since the microphone 73 for conversing with the loudspeaker 72 for asking music, a sport, and the message from an amusement center to this hood object 71, the official in charge of an amusement center, etc. was formed. If a game person can acquire the information on desired without moving from his seat and a loudspeaker 72 and a microphone 73 are used, other game persons can run a game by the ability of an official in charge conversing with a game person separately, without being interfered, and the inside of an amusement center will become still quieter. If the television camera 75 for photoing a game person and the monitor 76 for carrying out the image of the official in charge of an amusement center etc. are used for the hood object 71, an official in charge can have a dialog, looking at a game person's face. Since it is equipped with the headrest 81 in the hood object 71, a game person can perform a game with a still easier posture. Moreover, making trouble for other game persons is lost without the smoke of a cigarette dispersing in an amusement center by it, since the smoke of a game person's cigarette is sucked up by the air intake duct 82. Since the paper filter 83 used as the filter of an air intake duct 82 was used as a pillow case of a headrest 81, a used thing is reusable as a filter as a pillow case, it is economical, a pillow case will be in an intact state, and it is sanitary. If the paper filter 83 is rolled round with the rolling-up roller 86, the paper filter 83 will let out to a covering state position usable as a pillow case, and further, if the

paper filter 83 is rolled round, it will come to march in from a covering state position in a filter state position usable as a filter of an air intake duct 82. It lets out and marches in and operation is also easy.

[0028] The official in charge of an amusement center equips the tooth back of the aforementioned back reclining 34 with the operational tooth-back control panel 91 from behind a game person. The switch for putting out lights of various kinds of display lamps of ash pan cleaning lamp 92 and others of the tooth-back control panel 91, and a calling lamp, The volume control control lever of a loudspeaker, a reclining control switch, In case the lock release control unit of various kinds of test switches, a game machine, and a ball rental machine is operated, while it is lost that an official in charge operates it from a game person's side and not becoming obstructive [ a game person ], it can work without an official in charge also considering a game person. In addition, in the aforementioned example, although especially the direction where the seat 32 is energized is not shown, if it energizes in the direction rotated to a position-in-readiness side, it can be altogether equal now to a position in readiness, and a game person can sit down immediately, and the seat 32 which is not used can improve a fine sight. Moreover, as shown in drawing 9 , you may form the volume lever 47 and the switch 48 for song selection in the armrest section 37.

[0029]

[Effect of the Invention] Since it was made for especially a taking-a-seat person's knee not to protrude when according to the chair for game machines concerning this invention a medial axis was allotted to the position where the distance between a taking-a-seat person's knee and back reclining on a chair becomes half mostly and it sat down in it on the seat side of the seat It can sit down toward a game machine and user-friendliness can be received without a taking-a-seat person's knee making neighboring game persons trouble in neighboring game persons and chairs, if a taking-a-seat person sits down to the seat in a position in readiness and rotates the seat to an operating position side to the circumference of a medial axis.

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[Translation done.]

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1.This document has been translated by computer. So the translation may not reflect the original precisely.

2.\*\*\* shows the word which can not be translated.

3.In the drawings, any words are not translated.

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## DESCRIPTION OF DRAWINGS

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### [Brief Description of the Drawings]

[Drawing 1] It is a side elevation in the position in readiness of the chair for game machines in which one example of this invention is shown.

[Drawing 2] It is a side elevation in the operating position of the chair for game machines in which one example of this invention is shown.

[Drawing 3] It is a side elevation in the operating position of the chair for game machines in which one example of this invention is shown.

[Drawing 4] It is the perspective diagram of the armrest section of the chair for game machines in which one example of this invention is shown.

[Drawing 5] It is a side elevation in the operating position of the chair for game machines in which one example of this invention is shown.

[Drawing 6] It is the perspective diagram of the cleaner in which one example of this invention is shown.

[Drawing 7] It is a side elevation in the operating position of the chair for game machines in which one example of this invention is shown.

[Drawing 8] It is the rear view in the operating position of the chair for game machines in which one example of this invention is shown.

[Drawing 9] It is the perspective diagram of the armrest section of the chair for game machines in which one example of this invention is shown.

### [Description of Notations]

10 -- Amusement center

20 -- Game island

21 -- Game machine

30 -- Chair

32 -- Seat

34 -- Back reclining

42 -- Rotary switch

43 -- Settlement-of-accounts switch (switch for a game end)

51 -- Ash pan

61 -- Gangway ladder

62 -- Foot switch

71 -- Hood object

81 -- Headrest

83 -- Paper filter

91 -- Tooth-back control panel

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[Translation done.]

## \* NOTICES \*

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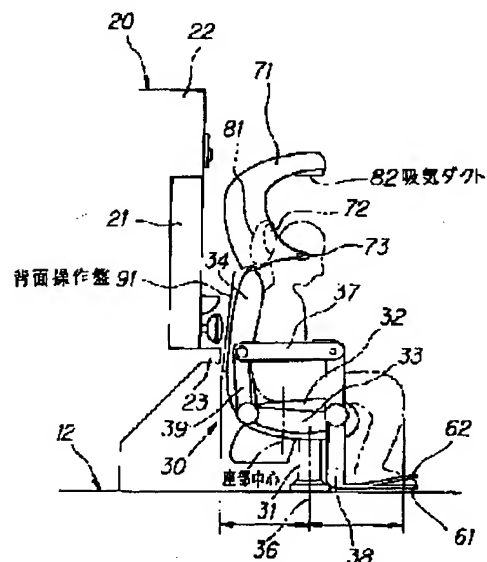
2. \*\*\*\* shows the word which can not be translated.

3. In the drawings, any words are not translated.

## DRAWINGS

[Drawing 1]

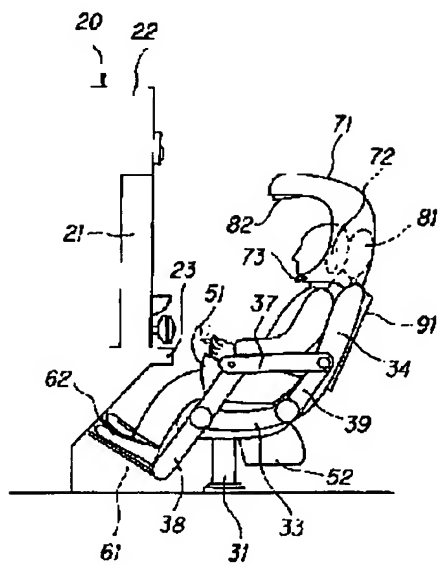
図 1



- |           |             |
|-----------|-------------|
| 20: 背板部   | 37: 肘部      |
| 21: グーム機  | 61: タラップ    |
| 30: 椅子    | 62: フットスイッチ |
| 31: 回転ノーム | 71: フード体    |
| 32: 座部    | 72: スピーカ    |
| 34: 背板    | 73: マイク     |
| 36: 回転軸   | 81: ヘッドレスト  |

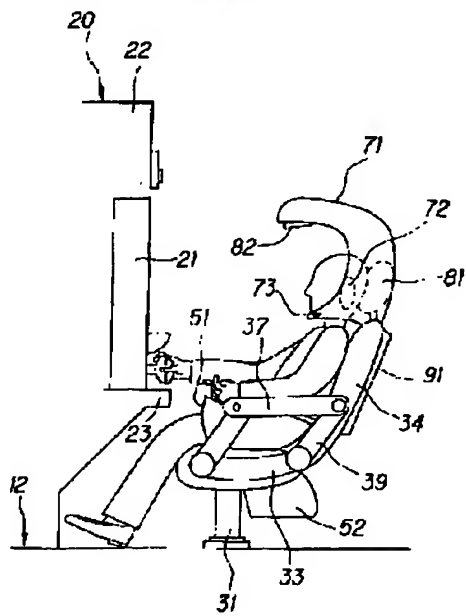
[Drawing 2]

图 2



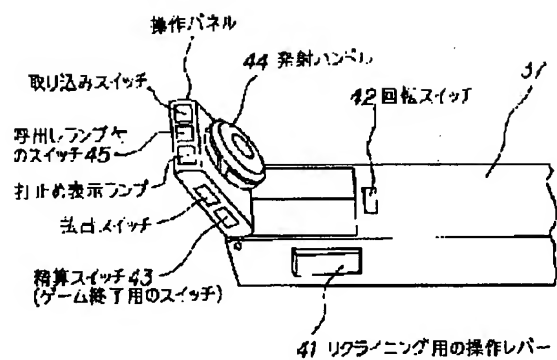
[Drawing 3]

图 3



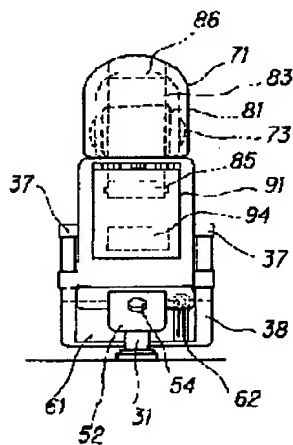
[Drawing 4]

図 4



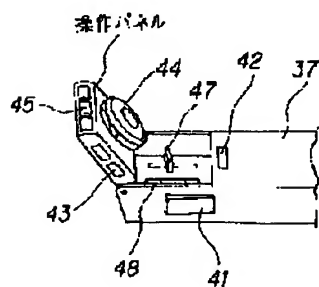
[Drawing 8]

図 8



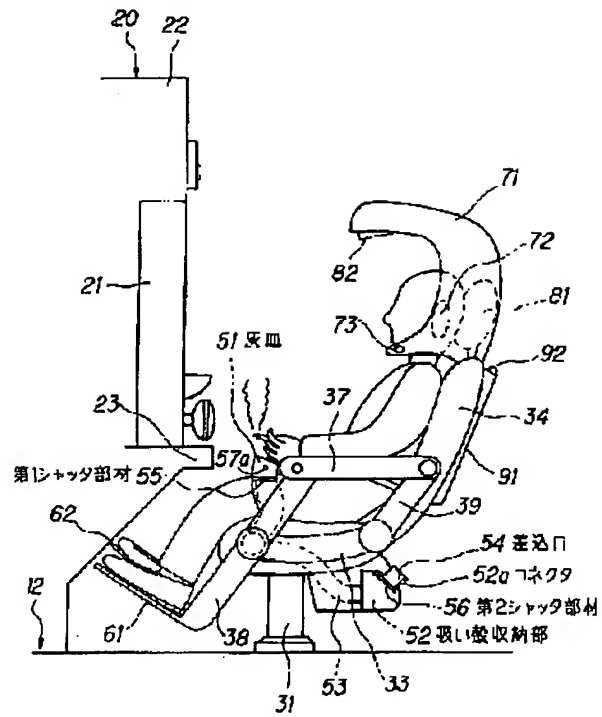
[Drawing 9]

図 9



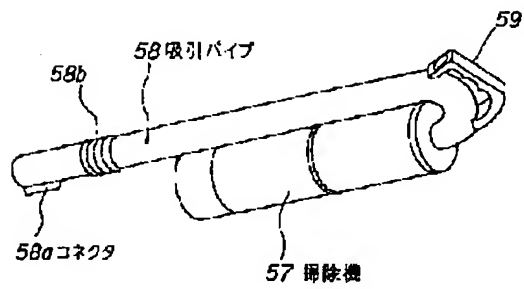
[Drawing 5]

図 5



[Drawing 6]

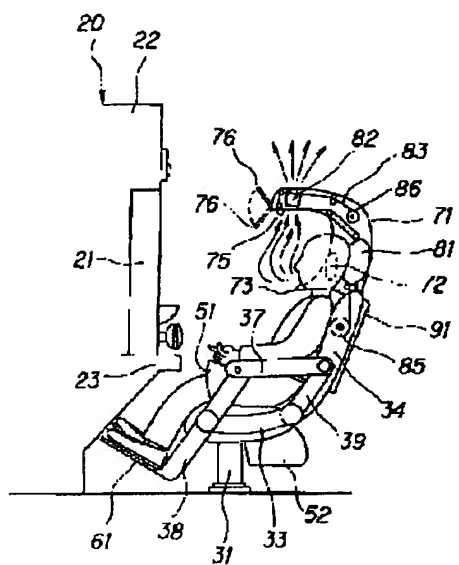
図 6



[Drawing 7]



FIG 7



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[Translation done.]